

**CONTRACT CHANGE ORDER MEMORANDUM**

DATE: 7/10/2012 Page 1 of 1

TO: Tony Anziano, Program Manager /		FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Darryl Schram, Senior TE		<b>CO-RTE-PM</b> SF-80-13.2/13.9	
		<b>FED. NO.</b>	
CCO#: <b>232</b>	SUPPLEMENT#: <b>0</b>	Category Code: <b>CHPK</b>	CONTINGENCY BALANCE (incl. this change) <b>\$105,631,654.58</b>
COST: <b>\$428,943.00</b>		INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>	HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>		IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> Traveler Brake Mount Modification		<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %
			Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying the traveler trolley brake mounts. Furnishing and installing Twiflex incline mount kits on the caliper brakes. Beveling the edges of the brake pads. Compensating for extended overhead costs for 90 days of delay to WMI shop and additional detailing.

Testing of the assembled traveler trolley trains has shown that the brake calipers are too close to the traveler rail and that the brake pads still contact the traveler rail when the brakes are released. The brake assembly must not snag on the joints in the traveler rail. The brake mounting plate will be relocated from the trolley to the linkage assembly below the trolley. An inclined mounting kit will be used to reduce brake pad rubbing on the traveler rail. The edge of the brake pads will be machined to reduce the possibility of the brake pads snagging as the brakes cross the joints in the traveler rail. The Contactor's subcontractor Westmont Industries (WMI) is being compensated for 90 days of extended overhead costs incurred due to the delayed testing of the E2/E3 Eastbound traveler. Testing of the first traveler was scheduled for January 2012, but was delayed to April 2012 because of delays to the brakes. WMI is also compensated for additional detailing costs due to changes to the brakes.

The total cost of this change order is \$428,943.00 lump sum, which can be financed from the contingency fund. A detailed cost analysis is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Ken Terpstra (Proj. Manager), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>		
Construction Engineer:	William Casey, Sup TE	Date 1/12/12	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 1/12/12	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 1/12/12	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date 1/12/12	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$428,943.00	\$428,943.00
Environmental:		Date	<b>TOTAL</b>	<b>\$428,943.00</b>	<b>\$428,943.00</b>
Other (specify):	HQ, Rich Foley	Date 1/12/12	<b>FEDERAL PARTICIPATION</b>		
Other (specify):	Struct. Maint, Lina Ellis	Date 1/10/12	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	HQ, Larry Salhaney	Date 1/18/12	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS FEDERAL FUNDING SOURCE    PERCENT		
Resident Engineer's Signature:		Date			